

ABSTRACT OF THE DISCLOSURE

A storage compartment is equipped with a light emitting diode (LED) light source for illuminating contents inside the compartment. The LED light source includes a LED light engine outside the compartment and a light guide inside the compartment. The light guide is optically coupled to be LED light engine to bring light from the LED light engine into the compartment for providing illumination inside the compartment. The LED light engine may include red, green, and blue LEDs that contribute to the illumination inside the compartment. Respective outputs of the red, green, and blue LEDs may be separately controllable to allow a variably controlled color point of illumination inside the compartment.

Total output of the LED light engine may be controllable to vary intensity of illumination inside the compartment.